

# MATERIAL SAFETY DATA SHEET

## **DISHWASHER MAGIC**

Iron Out, Inc.  
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IRON OUT, INC.  
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Fort Wayne, IN 46808-1126  
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### HMIS INFORMATION

Health: 1  
Flammability: 0  
Reactivity: 0

In case of emergency call: CHEMTREC 1-800-424-9300

### **SECTION 1: PRODUCT INFORMATION**

TRADE NAME: Dishwasher Magic  
DESCRIPTION: Acidic lime scale remover  
DOT PROPER SHIPPING NAME: Non Regulated Material

### **SECTION 2: HAZARDOUS INGREDIENTS**

	<u>CAS#</u>	<u>PEL</u>
Water	7732-18-5	No limits established
Citric Acid	77-92-9	No limits established
Detergent Range Alcohol Ethoxylate	68439-46-3	No limits established

### **SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE, COLOR, ODOR: Transparent, water thin liquid. Orange scented.  
BOILING POINT: 210 degrees F.  
VAPOR PRESSURE: (mmHg): N/A  
EVAPORATION RATE (water=1):  
SP. GRAVITY (water=1): 1.05  
PH: 3.5  
VAPOR DENSITY: (AIR =1): N/A  
SOLUBILITY IN WATER: Completely soluble  
PERCENT VOLATILE: N/A

ND=NO DATA NA= NOT APPLICABLE

### **SECTION 4: FIRE AND EXPLOSION HAZARD**

FLASH POINT AND METHOD USED: This products is not flammable.  
EXTINGUISHING MEDIA: This product is not flammable. Use extinguishing media suitable for materials already burning.  
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.  
EXPLOSION HAZARD: None known.

### **SECTION 5: CHEMICAL REACTIVITY**

STABILITY: Stable under normal conditions.  
HAZARDOUS POLYMERIZATION: This product not known to polymerize.  
INCOMPATIBILITY: Do not mix with alkalines.  
HAZARDOUS BYPRODUCTS: Carbon monoxide, carbon dioxide.  
CONDITIONS TO AVOID: Strong alkalines.

## SECTION 6: CHRONIC TOXICITY

CARCINOGEN STATUS: Not listed by IARC, NTP or OSHA.

CHRONIC HEALTH EFFECTS: May cause burns on skin if not removed from skin.

## SECTION 7: ACUTE HEALTH HAZARDS

ROUTES OF ENTRY: Ingestion. Not likely to be inhaled in dangerous amounts.

MEDICAL CONDITION AGGRAVATED: None known.

INHALATION: Not likely to be inhaled in hazardous amounts. Maintain adequate ventilation in the work area.

INGESTION: This material can cause irritation to the stomach and esophagus if ingested.

EYES: May cause severe eye irritation.

SKIN (DERMAL): This product may cause burns or irritation if not removed from the skin.

## SECTION 8: FIRST AID

INHALATION: If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.

INGESTION (SWALLOWING): **DO NOT INDUCE VOMITING**; drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention. 15 minutes. If irritation persists, consult a physician.

SKIN (DERMAL): Immediately flush from skin and clothing with large amounts of fresh water. Rewash contaminated clothing before wearing.

## SECTION 9: HANDLING AND STORAGE

STORAGE & HANDLING: Store in a cool, well ventilated area. Avoid overheating or freezing.

SAFE DISPOSAL: As recommended by local, state and federal authorities.

IN CASE OF A SPILL: Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.

## SECTION 10: CONTROL MEASURES

RESPIRATORY PROTECTION: Not usually needed. Vapors not normally harmful.

PROTECTIVE CLOTHING: Special protection not normally needed. Wear eye protection if product is likely to splash.

ADDITIONAL MEASURES: Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

VENTILATION: None normally required.

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